

# **California Building Industry Association (CBIA)**

## **Local Government Programs for Production Builders**

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# **BII and ConSol Relationship to CBIA**


- BII: Building Industry Institute
  - Research and Education for Building Industry
  - Design and Implement Quality-Construction Programs
  - Bob Raymer: Technical Director
- ConSol
  - Environmental technical support to CBIA
  - Develop and administer programs for BII
  - Rob Hammon, Principal
  - Mike Hodgson: Chair, CBIA Energy Committee



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# Community Energy Efficiency Program (CEEP)

- Successful, Voluntary, BII - Local Government Program
- Developed with Advisory Group
  - Builders, Building Officials, other stakeholders
- Over 80 Participating Local Governments
- Homes Built Substantially Over Code
- Benefits to Homebuilders: Time Savings
  - Faster plan review
  - Priority field inspections



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# Waste Diversion

- New Construction C&D Opportunity
  - Wood, Drywall, Cardboard, Cement wastes
  - 75% of residential new construction waste
- Part of California Green Builder Program
  - Newly Updated Program
- Can Be Adopted as Part of CEEP



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The background of the text is a photograph of a construction site. It shows the wooden framing of a house under construction, with hills visible in the distance under a clear sky.

# California Green Builder Program

- **Energy:** Participate in the [Community Energy Efficiency Program](#) or if building in an area not participating in CEEP, meet the [CEEP requirements](#).
- **Air Quality:** reduce air emissions by building to Energy Star Homes efficiency level
- **Waste Recycling:** 50% diversion from land fill job site waste. Where recycling and diversion are not available, builder agrees to adopt the Building Industry Institute Waste Recycling Guidelines and work with local jurisdictions to overcome local market barriers
- **Water Conservation:** 25% decrease in water use compared to typical 1980's home



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# Residential New Construction Waste Diversion Challenges

- Developing Job Site Procedures
  - Separation of Wastes
- Managing Subcontractors
  - Wastes actually diverted from landfill
  - Typically in contracts
  - Difficult to manage
- 3<sup>rd</sup> Party Verification in CA Green Builder Program



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The background of the text is a photograph of a residential construction site. It shows several houses under construction, with their wooden frames and roofs visible. The site is in a dry, hilly area with some sparse vegetation. The sky is clear and blue.

# **CA Green Builder Program as a Local Government Program**

- Local Haulers/Recyclers Available
  - Wood
  - Drywall
  - Cement
  - Cardboard
- Determine & Implement Benefits to Builders



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The background of the text is a photograph of a construction site. It shows the wooden framing of several houses under construction in a row. The site is in a dry, hilly area with some sparse vegetation and a clear sky in the background.

# More Information

- [www.thebii.org](http://www.thebii.org)
- [www.thebii.org/cgbp.asp](http://www.thebii.org/cgbp.asp)
- Bob Raymer
  - CBIA Technical Director 916-443-7933
- Rob Hammon
  - ConSol 209-473-5000



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